

Write factor pairs for the rectangles.

①



$2 \times 5 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$5 \times 2 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

The factors of 10 are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

②

List the factors of 5.



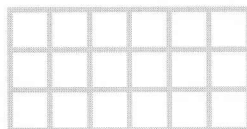
$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

The factors of 5 are \_\_\_\_\_ and \_\_\_\_\_.

③

List the factors of 18.



④

List 4 multiples of 6.

\_\_\_\_\_

List 4 multiples of 8.

\_\_\_\_\_

⑤

List 4 factors of 6.

\_\_\_\_\_

List 4 factors of 8.

\_\_\_\_\_



**Tell what a factor is. Tell why you can draw more than one rectangle for some numbers.**

Complete each chart. Then list the first 5 multiples for each number.

<b>1</b>	<b><math>0 \times 3</math></b> 0	<b><math>1 \times 3</math></b> 3	<b><math>2 \times 3</math></b> 6	<b><math>3 \times 3</math></b> _____	<b><math>4 \times 3</math></b> _____
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factors of 3: \_\_\_\_\_, \_\_\_\_\_ multiples of 3: 0, 3, 6, \_\_\_\_\_, \_\_\_\_\_

<b>2</b>	<b><math>0 \times 5</math></b> 0	<b><math>1 \times 5</math></b> 5	<b><math>2 \times 5</math></b> _____	<b><math>3 \times 5</math></b> _____	<b><math>4 \times 5</math></b> _____
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factors of 5: \_\_\_\_\_, \_\_\_\_\_ multiples of 5: 0, 5, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

<b>3</b>	<b><math>0 \times 7</math></b> _____	<b><math>1 \times 7</math></b> _____	<b><math>2 \times 7</math></b> _____	<b><math>3 \times 7</math></b> _____	<b><math>4 \times 7</math></b> _____
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factors of 7: \_\_\_\_\_, \_\_\_\_\_ multiples of 7: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

<b>4</b>	<b><math>0 \times 10</math></b> _____	<b><math>1 \times 10</math></b> _____	<b><math>2 \times 10</math></b> _____	<b><math>3 \times 10</math></b> _____	<b><math>4 \times 10</math></b> _____
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factors of 10: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

multiples of 10: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Tell how you can skip count to find multiples.

List the first 6 multiples for each number.

① factors of 4: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

multiples of 4: 0, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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② factors of 6: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

multiples of 6: 0, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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③ factors of 2: \_\_\_\_\_, \_\_\_\_\_,

multiples of 2: 0, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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④ factors of 5: \_\_\_\_\_, \_\_\_\_\_

multiples of 5: 0, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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⑤ factors of 9: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

multiples of 9: 0, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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Tell how you can skip count to find multiples.

**Solve.**

- ① Jane is making a list of the factors for the number 17. She will use 1 line in her notebook for each factor. How many lines will she use?
  - ② Phil is making a list of the factors for the number 24. He will use 1 line in his notebook for each factor. How many lines will he use?
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- ③ List the multiples of 6 that are less than 30.
  - ④ What is the lowest common multiple for the numbers 2 and 4?

**Circle the letter for the correct answer.**

- ⑤ Which of the following numbers is not a factor of 36?
  - a) 36
  - b) 8
  - c) 6
  - d) 4
- ⑥ Which of the following numbers is not a multiple of 8?
  - a) 16
  - b) 24
  - c) 40
  - d) 74